

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062423\
 Data File : VX036316.D
 Acq On : 24 Jun 2023 17:01
 Operator : JC/MD
 Sample : 03411-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Jun 26 03:27:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	191813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	344564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	127519	46.379	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.760%
35) Dibromofluoromethane	5.385	113	97885	43.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.160%
50) Toluene-d8	8.647	98	371375	43.765	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.520%#
62) 4-Bromofluorobenzene	11.079	95	126782	42.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.840%

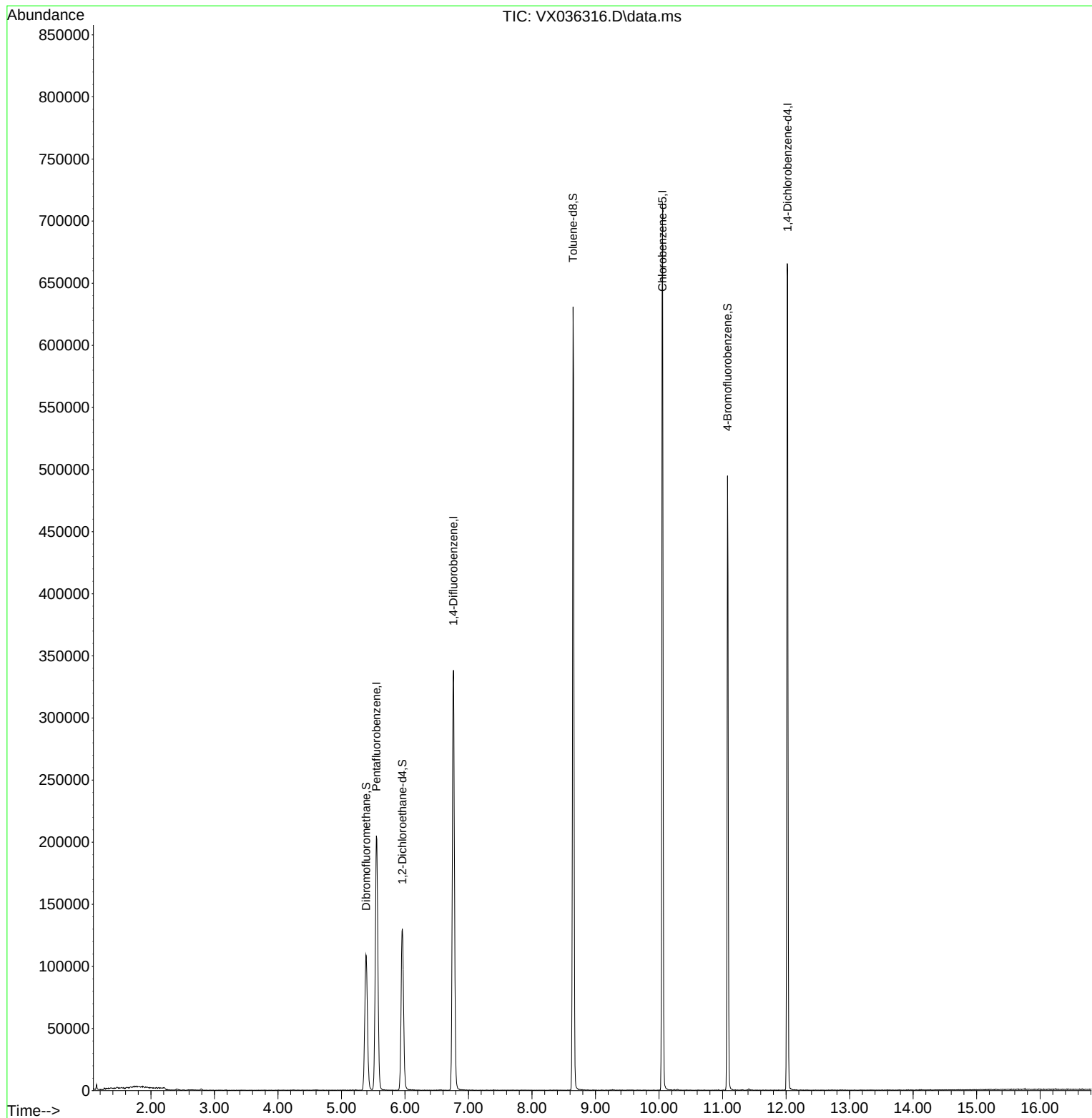
Target Compounds	Qvalue

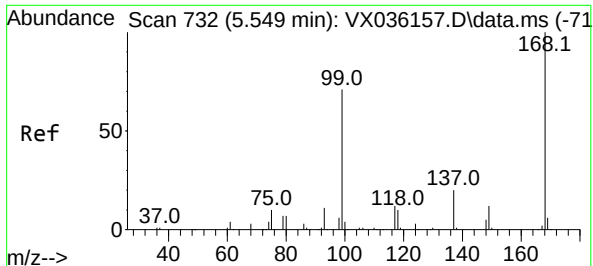
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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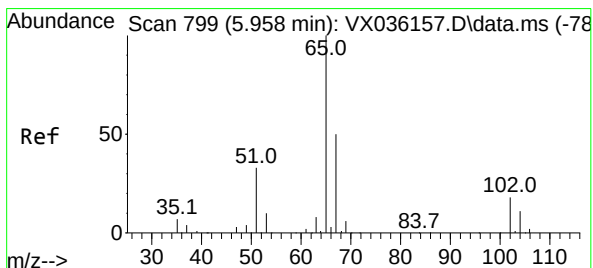
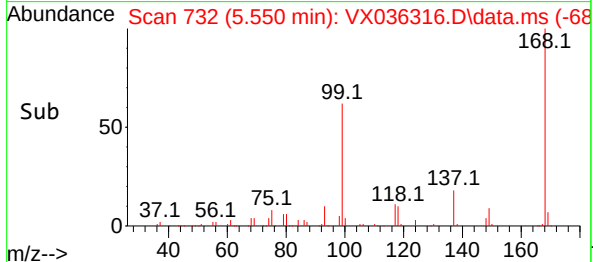
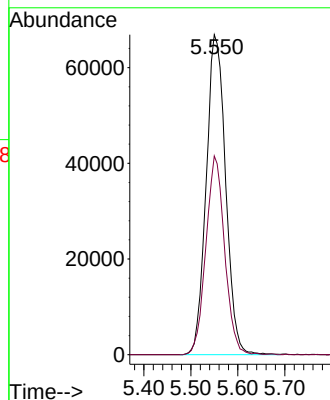
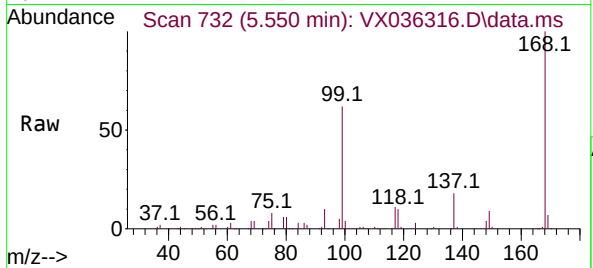




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

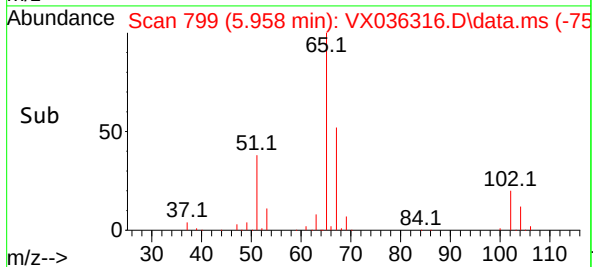
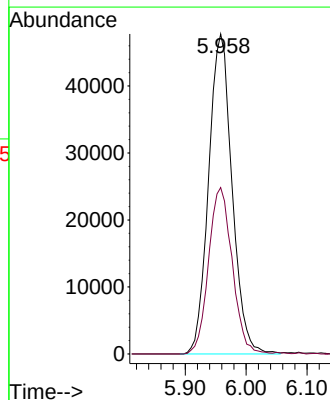
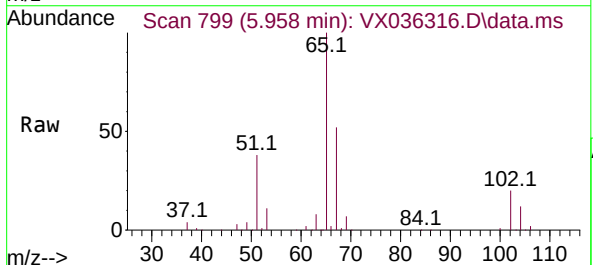
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

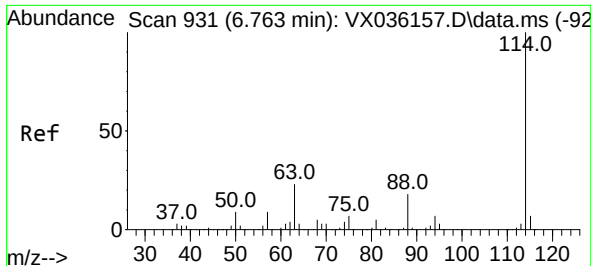
Tgt Ion:168 Resp: 191813
Ion Ratio Lower Upper
168 100
99 62.1 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 46.379 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion: 65 Resp: 127519
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2

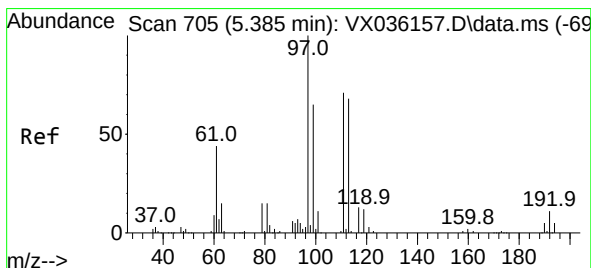
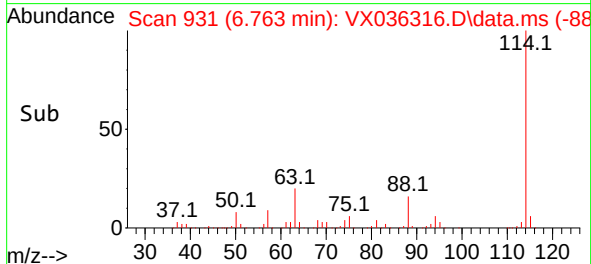
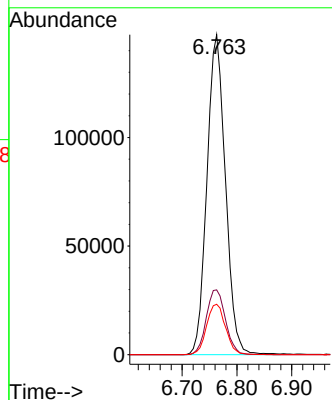
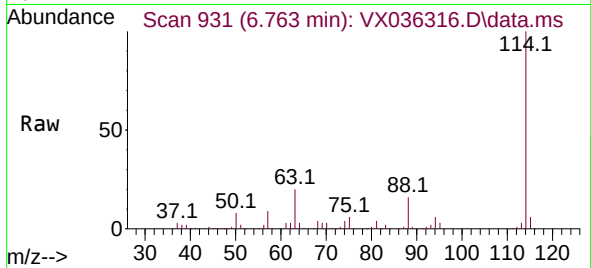




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

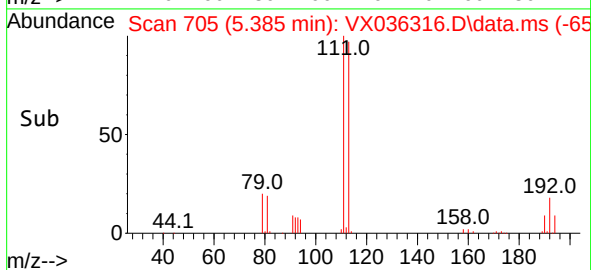
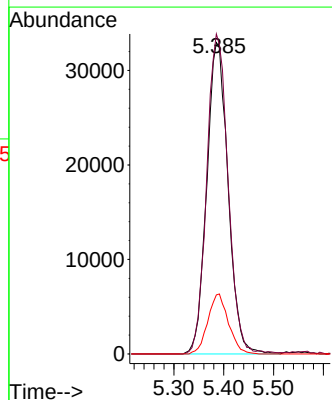
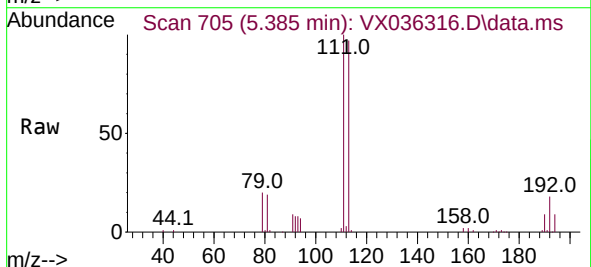
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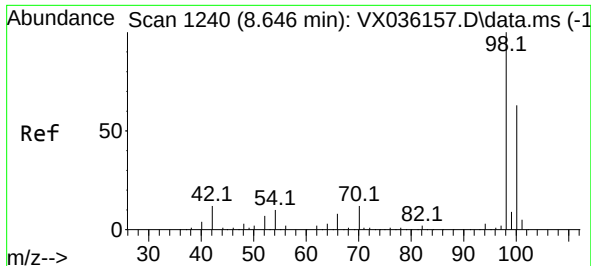
Tgt Ion:114 Resp: 344564
Ion Ratio Lower Upper
114 100
63 20.2 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.084 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion:113 Resp: 97885
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.6 13.3 19.9

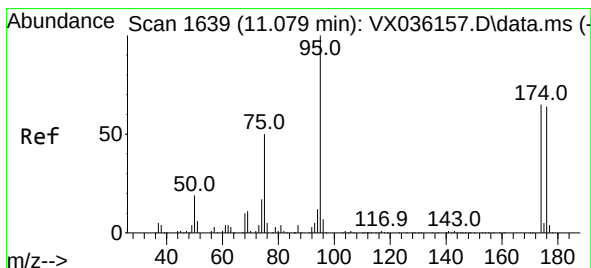
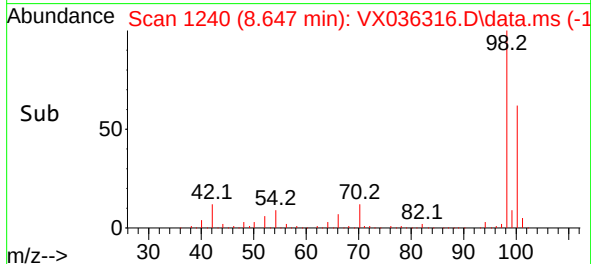
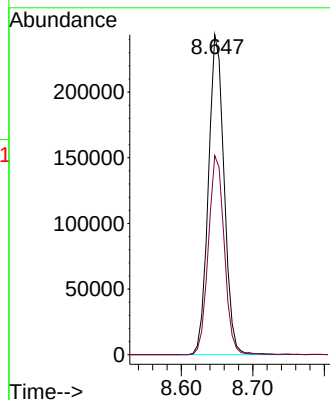
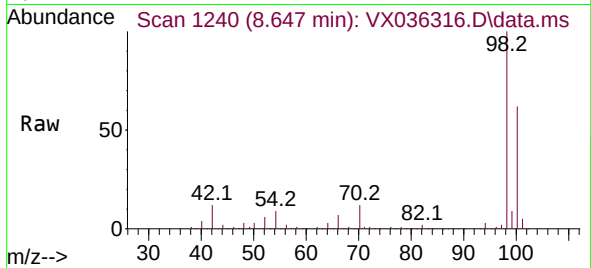




#50
Toluene-d8
Concen: 43.765 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

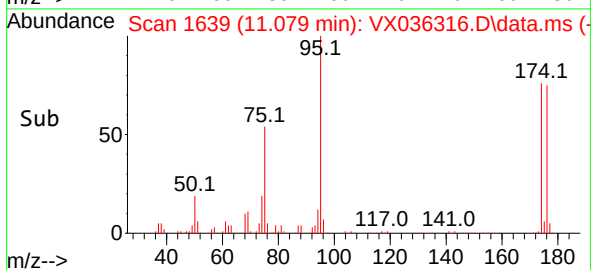
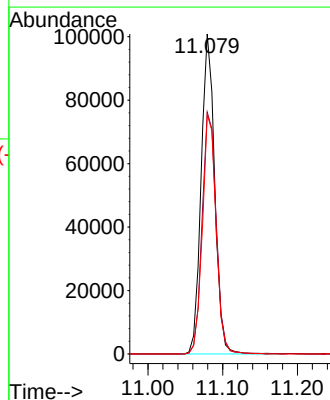
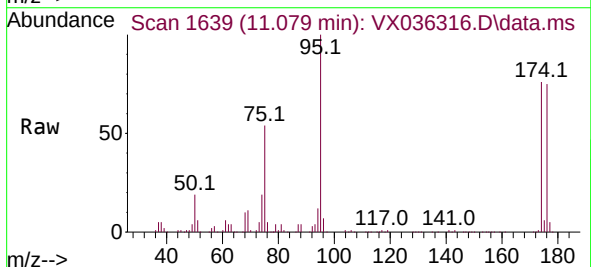
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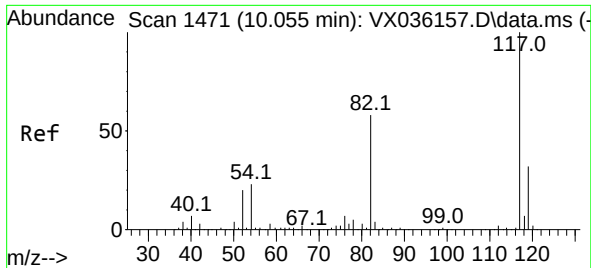
Tgt Ion: 98 Resp: 371375
Ion Ratio Lower Upper
98 100
100 63.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion: 95 Resp: 126782
Ion Ratio Lower Upper
95 100
174 78.6 0.0 135.6
176 75.8 0.0 131.0

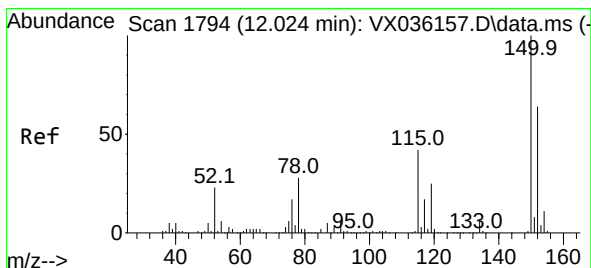
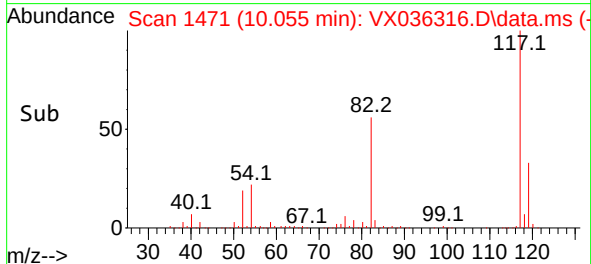
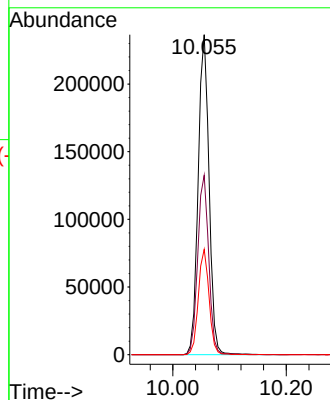
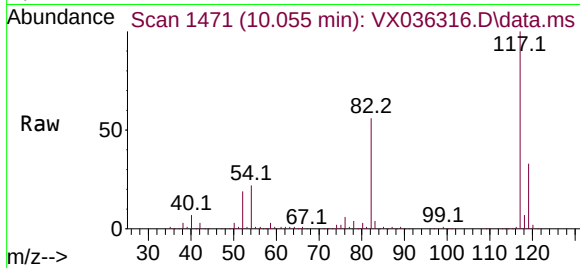




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion:117 Resp: 314701
Ion Ratio Lower Upper
117 100
82 56.0 46.2 69.4
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036316.D
Acq: 24 Jun 2023 17:01

Tgt Ion:152 Resp: 139877
Ion Ratio Lower Upper
152 100
115 59.3 43.3 129.9
150 156.8 0.0 345.0

